



NOTES
 A WATER SERVICE SHALL BE INSTALLED IN ALL SUBSTATIONS AND CONTROL POINTS. IT SHALL BE OF 20mm OD COPPER PIPE WITH A WALL THICKNESS OF 14mm AND BE CONNECTED TO AN APPROVED SUPPLY. A SHORT LENGTH OF PIPING ONLY SHALL BE EXPOSED WITH A CONTROL VALVE IN AN ACCESSIBLE POSITION. THE WATER SERVICE IS TO BE LOCATED WHERE SHOWN ON THE SUBSTATION LAYOUT DRAWING.

- NOTES**
1. MAXIMUM WIDTH OF CHASE (W) TO BE 500mm.
 2. ALL CHASE COVERS ARE TO BE 6mm FLOOR PLATE WITHOUT REINFORCING UNLESS THERE IS A POSSIBILITY OF TRANSFORMER MOVEMENT OVER FLOOR CHASES.
 3. FLOOR CHASES OVER WHICH TRANSFORMERS ARE MOVED ARE TO BE COVERED WITH 10mm FLOOR PLATE. EACH PIECE OF 10mm FLOOR PLATE IS TO BE DESIGNED TO PREVENT PERMANENT DISTORTION FROM IMPOSED TRANSFORMER WEIGHT BY THE ADDITION OF 12mm MS WELDED REINFORCING.
 4. EACH PIECE OF FLOOR PLATE COVER MUST NOT EXCEED 20 kg IN WEIGHT OR 600mm IN LENGTH.
 5. EACH PIECE OF FLOOR PLATE IS TO BE FITTED WITH A LIFTING EYE AT EACH END AND BE HOT DIP GALVANISED TO AS4680. EACH PIECE OF FLOOR PLATE IS TO BE STRAIGHTENED AFTER GALVANISING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT NETWORK STANDARD AND THE SUBSTATION LAYOUT DRAWING

CONSTRUCTION



SCALE DESIGNED DRAWN CHECKED APPROVED DATE PROJECT NUMBER PROJTRAK NUMBER

AS SHOWN
 SIGNED ON ORIGINAL

STANDARD SUBSTATION DESIGN CONSTRUCTION DETAILS MISCELLANEOUS

SIZE B1 DRAWING No 48008 SHEET 1 AND 14

CAD DRAWING DO NOT MANUALLY EDIT

ALTERED TEXTS

NEW DRAWING MADE BY: [Name]
 BOARD SUPPORT & REMOVABLE PULLING RING DETAILS DELETED.
 SPLIT LUG PIT EDGING AND ANGLE NOSING ALTERED TO WELDED ROD. LINES UPDATED.
 LIFTING EYE OPTIONS SHOWN IN FLOOR PLATE COVERS.
 CONDUIT ENTRY IN SECTION AS SHOWN TO REMOVE SOCKETS.
 P. JARVIS - 22.8.11
 P. JARVIS - 24.9.09
 P. JARVIS - 22.8.11
 APPROVED P. JARVIS

10mm FLOOR PLATE REINFORCING NOTES
 CLARIFIED.
 P. JARVIS - 24.9.09
 APPROVED P. JARVIS